**REVERSE CHAIN RULE TYPE INTEGRATION**

Recall if , then . So .

Useful method: - write down a function which could be a likely answer

(it is usually the bracket term, but increase the index by 1)

* differentiate to work out if you need to adjust a constant.

Example: Integrate

1)

🡺

2)

🡺

3)

🡺

4)

🡺

Delta Ex 17.3 pg 170